

Work Order ID 83662

83662

April-23-12 10:17:28 AM

Page 1

Item ID: D412-704-045

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Cable Assembly (212/214/412)

Start Date: 23/04/2012 Start Qty: 3.00

3

Cust Item ID:

Required Date: 07/05/2012 Req'd Qty: 3.00

3

Customer:

Reference:

Approvals: Process Plan: MU5

Date: 12/04/13 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

IIN D412-704	C
--------------	---

100

100

Small Fab

0.00

3 ✓

08
12-06-13

Small Fab

Memo

0.00

Small Fab

Assemble as per dwg IIN D412-704 page 9-11

110

QC5- Inspect part completeness to step on W/O

0.00

5/17/04/13

3 ✓

110

QC

Quality Control

120

Identify as per dwg & Stock Location: _____

0.00

3 ✓ 12/6/13 ✓

120

Packaging

Packaging

Memo

0.00

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Work Order ID 83662

April-23-12 10:17:28 AM

83662

Page 2

Item ID: D412-704-045

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Cable Assembly (212/214/412)

Stop

NS2

Start Date: 23/04/2012 Start Qty: 3.00

3

Cust Item ID:

Required Date: 07/05/2012 Req'd Qty: 3.00

3

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Quality Control

Memo

0.00

12/6/14 JJ

WP

12-06-13

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Picklist Print

April-23-12 10:17:32 AM

Work Order ID: 83662

Parent Item: D412-704-045

Parent Item Name: Cable Assembly (212/214/412)

83662
D412-704-045

Start Date: 23/04/2012

Required Date: 07/05/2012

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:B05.01.28 Added Figures 1-2KJ/RF
IPP Rev:C 08-10-08 as per revB DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A		Purchased	No			110	Each	1,476.000	1	3	**	(3)	FF 12-06-13

AN3-5A

Bolt

Location	Loc Qty	Loc Code
ST350	1476	
115371	46	
117423	124	
118626	145	
119355	200	
120187	500	
<u>121185</u>	461	<u>3</u>

AN960JD10

NAS1149D0363J

Purchased

No

110

Each

0.0000

2

6

6

(3)

FF 12-06-13

AN960.JD10

Washer

AN960JD10L

NAS1149D0332J

Purchased

No

110

Each

0.0000

2

6

6

(3)

FF 12-06-13

*AN960.JD10I *

Washer

D3217-3

Manufactured

No

110

Each

4.0000

1

3

(3)

FF 12-06-13

D3217-3

Cable 80.5"

Location	Loc Qty	Loc Code
ST223	4	
<u>79806</u>	4	<u>3</u>

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Picklist Print

April-23-12 10:17:32 AM

Page 2

Work Order ID: 83662

Parent Item: D412-704-045

Parent Item Name: Cable Assembly (212/214/412)

83662
D412-704-045

D3257-1

Manufactured No.

110 Each 1.0000

1 3

**

D3257-1

Fitting

Start Date: 23/04/2012 Required Date: 07/05/2012
Start Qty: 3.00 Required Qty: 3.00

3) FF 12-06-13

D3258-1

Manufactured No.

110 Each 15.0000

1 3

**

D3258-1

Angle Bracket

Location
GA 83196
79822

Loc Qty

Loc Code

2
1

MS21042L3

Purchased No.

110 Each 3,591.000

2 6

**

MS21042L3

Nut

Location
ST035
76165

Loc Qty

Loc Code

3
6

NAS509-3

Purchased No.

110 Each 12.0000

3 9

**

NAS509-3

Nut

Location
ST300
117441
117885
118451
118927
119017
119075
121349
1214444

Loc Qty

Loc Code

3591
16
32
5
3
1411
158
966
1000

6
9

3) FF 12-06-13

Location
ST280
118384
121524

Loc Qty

Loc Code

12
12
9

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

April-23-12 10:17:33 AM

Page 3

Work Order ID: 83662

83662
D412-704-045

Parent Item: D412-704-045

Parent Item Name: Cable Assembly (212/214/412)

Start Date: 23/04/2012

Required Date: 07/05/2012

Start Qty: 3.00

Required Qty: 3.00

X
AN3-13A
AN3-13A
Bolt

Purchased No 120 Each 56.0000 1 3

**

(3) FF #12-06-13

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST351	56	
<u>104746</u>	26	
120910	30	

AN3-10A x 1

per
ECN. 12-583
DS 9611

M119084

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

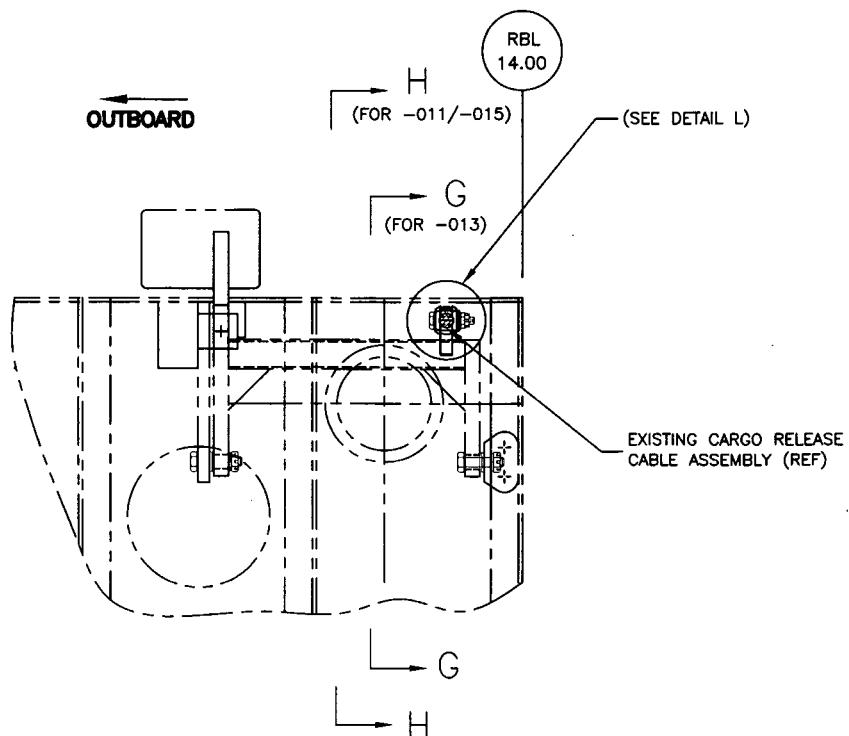
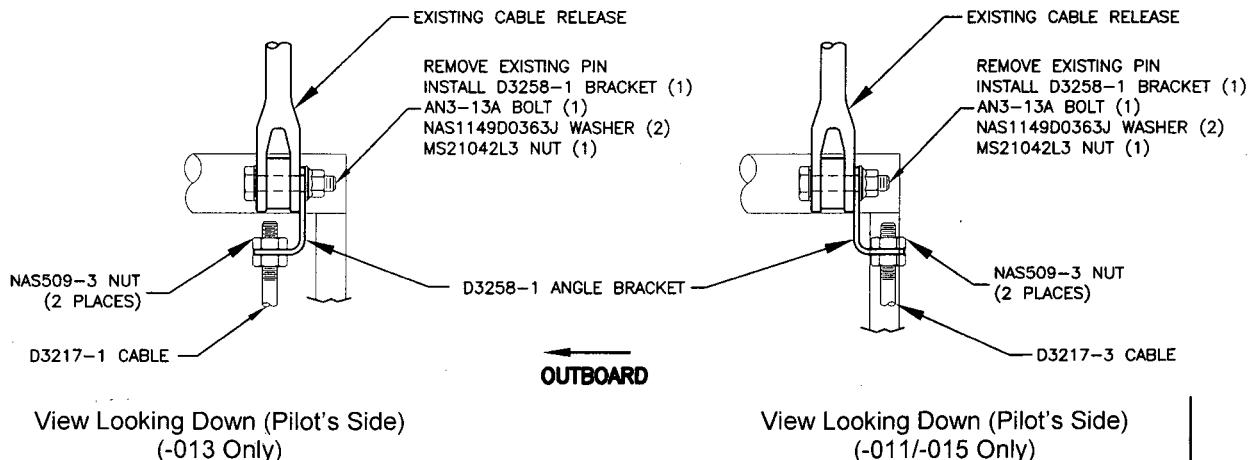


FIGURE 4 – Detail B. View looking Aft (Pilot's Side)
(-011/-013/-015 Installations)



View Looking Down (Pilot's Side)
(-013 Only)

View Looking Down (Pilot's Side)
(-011/-015 Only)

FIGURE 5 – Detail L.

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Revision: C
Date: 12.04.12

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-704 REV. C OR EARLIER
AND ICA-D412-704 REV. 4 OR EARLIER
REF CANADIAN STC SH93-34
REF FAA STC SR00957NY
REF EASA STC EASA.1M.R.00696

PURPOSE

The purpose of this Dart Service Instruction is to correct part number error in Installations Instruction IIN-D412-704 Rev. C or earlier and Instructions for Continued Airworthiness ICA-D412-704 Rev. 4 or earlier. The AN3-13A bolt should be replaced with an AN3-10A bolt in Figure 5 - Detail L in IIN-D412-704 and Figure 25-4 Detail L in ICA-D412-704. See sheet 2.

PART LIST CORRECTION

Revise Part Lists in IIN-D412-704 & ICA-D412-704 as follows:

NOW

Qty -043	Qty -045	Part Number	Description
X		D205-704-043	CABLE ASSEMBLY (205)
	X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
1	1	AN3-10A	BOLT

WAS

Qty -043	Qty -045	Part Number	Description
X		D205-704-043	CABLE ASSEMBLY (205)
	X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
1	1	AN3-13A	BOLT

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-0-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	12.05.07
CERT. NO.:	SH93-34
ISSUE NO.:	2

A	NEW ISSUE (REF PAR)			RF	12.05.07
REV.	DESCRIPTION			BY	DATE
DESIGN	RF	DART AEROSPACE LTD			
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA			
CHECKED		DRAWING NO.	REV. A		
MFG. APPR.	N/A	DSI 9611	SHEET 1 OF 2		
APPROVED		TITLE	SCALE		
DE APPR.		PART NUMBER CORRECTION	NTS		
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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

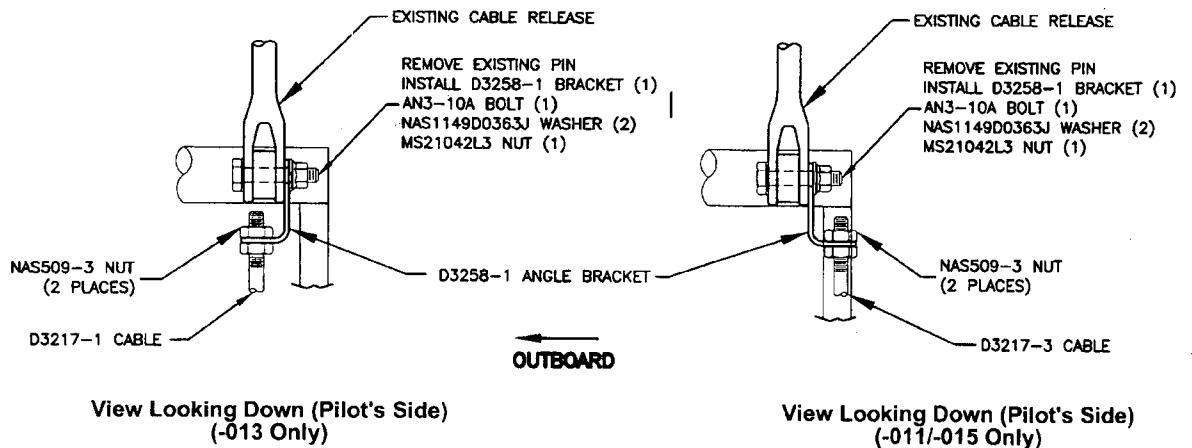
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

FIGURES CORRECTION

Revise Detail L Figure 5 of IIN-D412-704 and Detail L Figure 25-4 of ICA-D412-704 as follows:

NOW



WAS

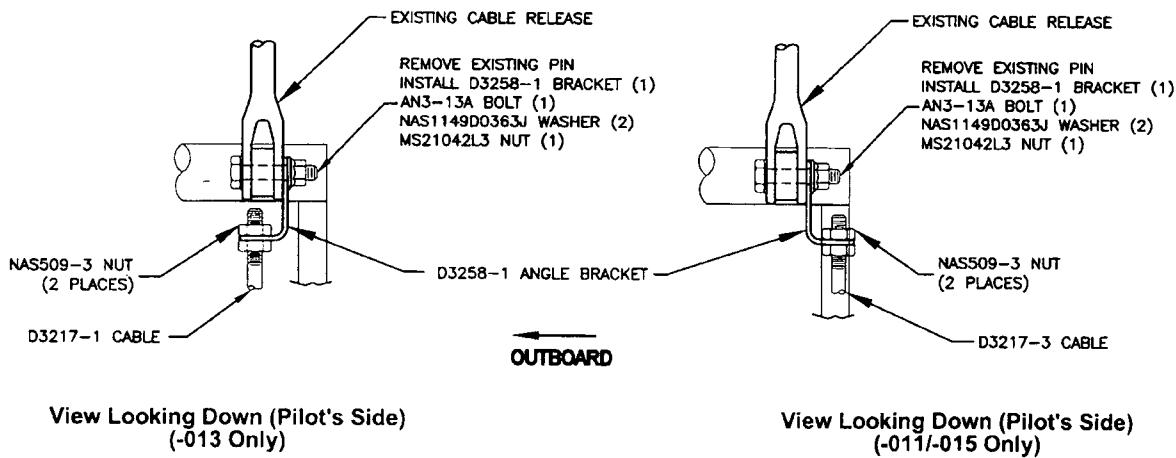


Figure 5 - Detail L or Figure 25-4 - Detail L

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	12.05.07
CERT. NO.:	SH93-34
ISSUE NO.:	2

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. DSI 9611 REV. A SHEET 2 OF 2 PART NUMBER CORRECTION NTS
DRAWN	RF	
CHECKED	<i>AS</i>	
MFG. APPR.	N/A	
APPROVED	<i>SH</i>	
DE APPR.	<i>SH</i>	
DATE	12.05.07	SCALE
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W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries